Write a system of linear equations (***2 equations that each use the same 2 variables***)that could represent the given situations.

1. John bought 8 books. Some books cost $13 each and the rest of the books cost $24 each. He spent a total of $209.

2. A school district has buses that carry 12 passengers and buses that carry 24 passengers. The total passenger capacity is 780. There are 20 more small buses than larger busses.

3. Alex has 24 coins in his pocket. Some are quarters and the rest are nickels. The total amount of money in his pocket is $4.50.

4. You sell candles at a craft fair - small for $4 each and large candles for $6 each. You collect $144

selling a total of 28 candles.

Textbook Questions: page 401 - 402 #4, 5, 6, 7, 8, 12